

National Transportation Safety Board

Office of Aviation Safety
Central Region



CEN24LA084

METEOROLOGICAL DATA

ACCIDENT

Location: Buffalo, Missouri
Date: January 7, 2024
Time: 1118 central standard time (1718 UTC)
Airplane: SlipStream International Genesis; Registration No. N8704R

Closest Aviation Weather Station

Floyd W Jones Lebanon Airport (KLBO)
Lebanon, Missouri, USA
37.6483219° North Latitude
92.6524308° West Longitude
1,320.7 ft mean sea level (airport field elevation)

Distance To Accident Site: 21 nautical miles
Direction To Accident Site: 271° true

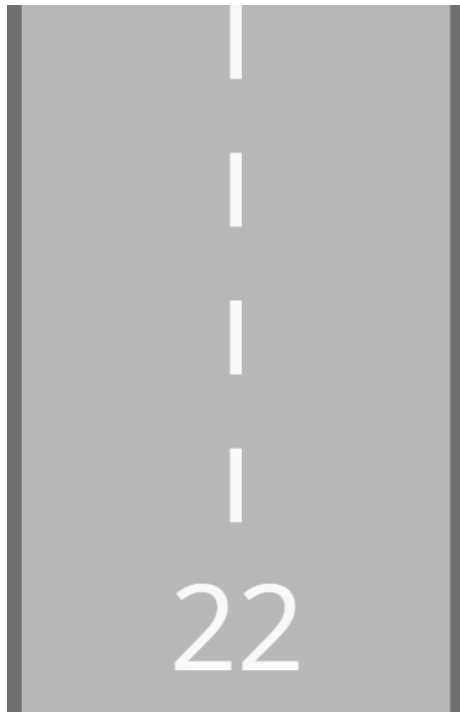
Meteorological Aerodrome Report (METAR)

METAR KLBO 071315Z AUTO 25006KT 10SM CLR M01/M02 A3001 RMK AO2=
METAR KLBO 071335Z AUTO 26005KT 10SM CLR M01/M03 A3001 RMK AO2=
METAR KLBO 071355Z AUTO 26005KT 10SM CLR M01/M02 A3002 RMK AO2=
METAR KLBO 071415Z AUTO 28007KT 10SM CLR 00/M02 A3002 RMK AO2=
METAR KLBO 071435Z AUTO 27008KT 10SM CLR 00/M02 A3003 RMK AO2=
METAR KLBO 071455Z AUTO 27009KT 10SM CLR 00/M02 A3004 RMK AO2=
METAR KLBO 071515Z AUTO 27009KT 10SM CLR 00/M02 A3006 RMK AO2=
METAR KLBO 071535Z AUTO 28008KT 10SM BKN028 00/M02 A3007 RMK AO2=
METAR KLBO 071555Z AUTO 28009KT 10SM SCT028 01/M03 A3008 RMK AO2=
METAR KLBO 071615Z AUTO 29010KT 10SM BKN028 BKN035 01/M02 A3009 RMK AO2=
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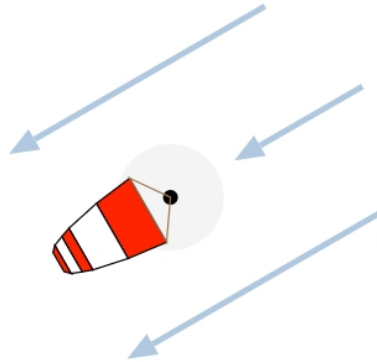
--- Accident Occurred at 1718 UTC (1118 CST) ---

METAR KLBO 071735Z AUTO 29008KT 10SM SCT024 03/M03 A3009 RMK AO2=
METAR KLBO 071755Z AUTO 28011KT 10SM SCT024 03/M03 A3009 RMK AO2=
METAR KLBO 071815Z AUTO 29004KT 10SM CLR 03/M03 A3007 RMK AO2=
METAR KLBO 071835Z AUTO 28008KT 10SM CLR 04/M03 A3007 RMK AO2=
METAR KLBO 071855Z AUTO 27008KT 10SM CLR 05/M04 A3007 RMK AO2=

Crosswind/Headwind Calculation



Wind: 28007KT



Headwind: 3.5 KT

Crosswind RHS: 6.06 KT

Runway Heading: 220° True
Wind Direction: 280° True
Wind Speed: 7 knots
Headwind: 3.5 knots
Crosswind: 6.0 knots from the right